

NEWSLINE

Published weekly for employees of Lawrence Livermore National Laboratory

Friday, May 16, 2003

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FROM THE DIRECTOR'S OFFICE

Denise Robinson

Laboratory revitalizes aging facilities and infrastructure

Many continuing and new activities are underway around the Laboratory to assure that facilities and infrastructure (F&I) keep pace with the Laboratory's scientific mission requirements. The momentum is there to reinvigorate the aging infrastructure and ensure a quality work environment that assists in attracting and retaining the best and brightest.

The Recapitalization of Facilities and Infrastructure Program (FIRP) is the National Nuclear Security Administration's (NNSA's) program established to assist us in eliminating the backlog of facility maintenance and modernization that has been growing for many years due to lack of F&I funds. FIRP provides new funding in addition to our line item construction and maintenance reinvestment projects. To date, our 5-year maintenance reinvestment effort has stabilized the maintenance backlog and demonstrated our ability to understand and manage this challenge. The effort has been so successful that it has emerged as a model for the DOE/NNSA complex. FIRP funds will reduce our present \$318 million backlog to a level consistent with excellent industrial standards. This achievement will enable the Laboratory to maintain the improved quality after the FIRP is completed in 10 years.

Over 10 years, close to \$4 billion complex-wide will be reinvested in the weapons complex to restore and reestablish critical infra-

See **FIRP**, page 7

Atkinson intends to appoint Pete Nanos as permanent director of Los Alamos lab

University of California President Richard C. Atkinson announced Thursday his intention to appoint George P. "Pete" Nanos the permanent director of the UC-operated Los Alamos National Laboratory in New Mexico. Nanos has served as interim director since Jan. 6.

For the complete press announcement, see <http://www.ucop.edu/news/archives/2003/may15art1.htm>

Brooks discusses UC contract's future

Ambassador Linton Brooks spoke to UC Regents and LLNL employees Thursday concerning DOE action on the UC contract to manage Los Alamos.

He reiterated there is no need to make a decision in the immediate future on whether to bid the contract to manage Lawrence Livermore, and told employees that normally this decision would be made next spring, and will be based to a great extent on what happens during the coming year.

Brooks, who was recently confirmed by the U.S. Senate as administrator of the National Nuclear Security Administration and is scheduled to be sworn in this afternoon, held two meet-



JACQUELINE MCBRIDE/NEWSLINE

Ambassador Linton Brooks fielded questions from employees during an all-hands meeting in Bldg. 123.

ings at the Laboratory Thursday to discuss these issues and what the decision to compete the LANL contract will mean for LLNL employees.

Brooks acknowledged a certain amount of frustration might prevail given he still lacked many of the answers to employees' questions following the DOE announcement. But Brooks emphasized he was as serious about protecting the future of LLNL employees as he was LANL's employees, even though "what you have here is a little reverse of Los Alamos. Los Alamos has a decision that they may not be

See **BROOKS**, page 8

NARAC tapped for national terrorism drill

Anne M. Stark
NEWSLINE STAFF WRITER

It started with a phone call a few minutes after high noon on Monday. There was a massive explosion in Seattle, and based on hazardous material team analysis it would prove to be a radioactive "dirty bomb."

Playing part in a national terrorist exercise, the Lab's National Atmospheric Release Advisory Center team went to work analyzing the plume and figuring out where the release was headed so that first respon-

Lab's emergency exercise is next week — see page 4

der emergency crews could determine who needed to be evacuated from affected areas.

The drill, called TOPOFF 2 for "top officials," was meant to test the ability of local, state and federal authorities to handle a terrorist attack. The goal is to improve the nation's capacity to manage extreme events, validate authorities, strategies, plans, policies, procedures and protocols and

See **NARAC**, page 8

Homeland Security overview

From left: Glenn Mara, deputy director for Operations, Charles McQueary, U.S. Department of Homeland Security undersecretary for Science and Technology, and Wayne Shotts, head of LLNL's Homeland Security Organization, discuss Lab missions.



JACQUELINE MCBRIDE/NEWSLINE



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Gear up for bike safety — Page 3



Math challenge is no problem — Page 5



LAB COMMUNITY NEWS

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Friday
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A representative from **California Casualty Insurance** will be in the Benefits Office. Appointments are required and may be scheduled by calling 2-9955. California Casualty offers individual rates to Lab employees by payroll deduction for auto and homeowner/renter insurance. As with any employee-paid insurance coverage, employees are encouraged to comparison shop.

Monday
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Registration begins today for the **LLESA summer pool program**, which will run June 16- Aug. 22. Swim lesson registration forms are now available in the LLESA office (Bldg. 415, room 142). Lab employees and LLESA members can still sponsor family and friends to participate in the summer pool program. Program details are outlined in the recently distributed spring issue of Fitnotes. Contact: LLESA Office, 2-9402.

Tuesday
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A representative from **Fidelity Investments** will be on-site to meet with employees today and Wednesday. And June 3-4. Fidelity Investments are available to UC's 403(b) participants in addition to the UC-managed investment funds. To schedule an appointment, call Fidelity at 1-800-642-7131. When calling, be sure to specify you are an LLNL employee.

Shape up and stay cool with water exercise. LLESA offers a low impact aerobic and functional strength training workout for all fitness levels. Session runs for five weeks with classes twice a week from May 20 - June 19. Price is \$40/five-week session. Register in the LLESA Office, B415, room 142. Contact: LLESA, 2-9402 or 2-9403.



The **Lab Retirees Travel Slide Group** will meet on Tuesday, May 27 at 2 p.m. at the Livermore Library meeting room. David and

Barbara Edwards will present "Newfoundland: Bridge to the New World."

The **Lab Employee Children's Center** has a few spaces available in their Schoolage Summer Only Program. Space will be filled on a first come, first served basis. Contact: Children's Center, 373-0865.

Innovative Business & Information Services is offering a course on "**Extensity Travel Expense Reports**" for new users and/or infrequent users who need an overview of the on-line travel expense reporting system. Four sessions of the half-day course (BS3002) will be held in the Training Center (Trailer 1879) on: Wednesday, May 28, from 8:30 a.m. - noon and 1:15-4:30 p.m.; Thursday, May 29, from 8:30 a.m. - noon and 1:15 p.m. - 4:30 p.m. The course is free, but space is limited and you must sign up in advance. To enroll, contact your LTRAIN training coordinator. Contact: Extensity Help-Desk, 3-5935.

Focus on Lab environmental restoration

Environmental Protection Department's Bob Bainer talks to the California Department of Toxic Substances Control about Laboratory environmental restoration successes and unique technologies. The state is making a video of the restoration activities it oversees. The Lab was selected as a prime player for its innovative science-based cleanup efforts.



DON JOHNSTON/NEWSLINE

Honda talk wraps up Asian heritage month

The celebration of Asian Pacific American Heritage Month, will conclude with two events the last week of May.

The first of those events is a festival at Sandia on May 28 from 11:30 a.m. to 1 p.m..

The final event will be a keynote address at LLNL by U.S. Rep. Mike Honda at noon, May 29, in the Bldg. 543 auditorium.

Honda represents the 15th congressional district, which includes Silicon Valley. A native of

California, Honda spent his childhood in an internment camp in Colorado during World War II. He was first elected in 1981 to the San Jose Unified School Board.

Since then, he has been elected to the Santa Clara County Board of Supervisors, the California Assembly and in 2000, was elected to the U.S. House of Representatives.

For more information, contact Ricky Chau, 3-4388 or Punita Sinha, 2-0354.

IN MEMORIAM

John Coker

Engineering retiree John Coker, 67, died Monday at Eden Medical Center after a short illness.

Coker joined the Mechanical Engineering Department at LLNL in 1966 as a technician, was promoted to superintendent in 1980, and retired in 2001 as assessments manager in the Engineering Assurance Office.

Born in Bowman, Georgia July 10, 1935, Coker served in the U.S. Navy from 1953-57. He enjoyed fishing and playing poker.

He is survived by his fiancée Roselie Spivey and four children: daughters Lora and Lisa Coker; sons Justin and Lawrence Coker; two sisters; four grandchildren and one great grandchild.

Funeral service will be at 1 p.m. Friday, May 16 at P.L. Fry and Sons Mortuary, 290 N. Union in Manteca and burial will follow at Park View Cemetery, Manteca.

Raymundo Perez

Services have been held for Raymundo "Ray" Perez, who died March 25 in Tracy. He was 73.

A native of Las Cruces, N.M., Perez lived in Tracy for 45 years. He was a custodian at the Lab.

He served in the U.S. Army during the Korean War and was a member of American Legion Post 172.

In his spare time, he enjoyed fishing, hunting and woodworking, and belonged to the Tracy Wildlife Club. He was a member of St. Bernard's Catholic Church.

Perez is survived by his wife, Mary of Tracy; sons, Raymond Perez and Jeff Perez, both of Tracy, and Lorenzo G. Perez of Antioch; daughter, Yolanda Alvarez of Tracy; brothers Juan Perez and Frank Melendez, both of Tracy, and Tony Perez of Bakersfield; sisters Cecilia Juarez of Stockton and Mary Estella Baca of Los Angeles; and 19 grandchildren and 11 great-grandchildren. He was preceded in death by a grandchild.

Remembrances may be made to the American Diabetes Association, 2720 Gateway Oaks, suite 110, Sacramento 95633, or a favorite charity.

William K. Resemius

Services have been held for William Kenneth Resemius, who died April 11, in Georgetown, Ky. He was 75.

Born Nov. 20, 1927, in St. Paul, Minn., Resemius was a 46-year resident of Livermore and member of St. Michael's Catholic Church.

He retired from the Lab in 1986 after 27 years in Safeguards and Security. After his retirement, he became an active member of Sons in Retirement (SIRS)101.

Resemius is survived by his wife, Joan McManus Resemius; daughters and sons-in-law Dana and Rick Garcia, and Darcy and Mike Calleja; grandchildren Cory, Hailey and Brandon Calleja, and Jody and Jesse Garcia, all of Kentucky; sisters Shirley Jelberg, Maxine Gallion, Beverly Kostohryz and Carolyn Zimmerman, and brother Donald Aljets.

Memorials may be made to the St. John Church Building Fund, 604 E. Main Street, Georgetown, KY 40324; and the American Diabetes Association, 1941 Bishop Lane, Suite 110, Louisville, KY 40218.

Newsline

Newsline is published weekly by the Internal Communications Department, Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

Contacts:

Media & Communications manager: Lynda Seaver, 3-3103

Newsline editor: Don Johnston, 3-4902

Contributing writers: Elizabeth Campos Rajs, 4-5806; Bob Hirschfeld, 2-2379; David Schwoegler, 2-6900; Anne M. Stark, 2-9799; Stephen Wampler, 3-3107; Gordon Yano, 3-3117. For an extended list of Lab beats and contacts, see <http://www.llnl.gov/lnl/06news/NewsMedia/contact.html>

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Telephone: (925) 422-4599; Fax: (925) 422-9291
e-mail: newsline@llnl.gov or newsonline@llnl.gov
Web site: <http://www.llnl.gov/PAO/>

AROUND THE LAB



New technology offers deaf communication options

By Elizabeth Campos Rajs

NEWSLINE STAFF WRITER

Advancements in communication technologies — such as computers, two-way pagers and a video relay system — have given deaf people more freedom and access to information than they have ever had before.

“When personal computers became part of people’s lives, they opened up a whole new world for deaf people. For the first time, they had true equal access to information,” said Cathy McClain, disabilities services program manager in the Lab’s Diversity and Worklife Programs office.

Two-way pagers have truly revolutionized deaf people’s ability to communicate on equal standing with the hearing world, said McClain, who presented an overview on the evolution of communication technology as part of Deaf Awareness Week.

“Because hearing people use two-way

paggers too, it’s an affordable technology,” she added.

There are new technologies just coming on the market that are further revolutionizing the deaf community’s ability to communicate with others, she noted.

Jennifer Ann Cook, a representative for MCI’s outreach/education and marketing division, described some of those new technologies during a talk at the Lab on May 8. Cook, who is deaf, gave an animated and dynamic talk in sign language, which was interpreted for the hearing members of the audience by Sheila Brager-Hall, a deaf services specialist.

A key advancement, she said, is a video relay system. Using their computers and a Webcam, deaf people call into an operator center and an operator interprets their calls for them.

“With video relay service, we are far ahead. I can talk using sign language, the operator can see me and signs to me. The operator shifts

from one direction to the other so I know whose turn it is to talk,” Cook said. “The picture is very small, but the technicians are working on it. With video software, we will be able to see a lot better.”

The operators are sign language interpreters but have also taken training in deaf culture, Cook said. “Our English is much different.”

Another system now being used is called Internet Protocol, or IP, relay. Deaf people can call the relay number through their personal computer to reach an operator who will read their text messages out loud to the hearing person being called. This relay system permits faster typing speeds than a traditional TDD (Telecommunication Device for the Deaf) call and the text display on the computer screen is easier to read, Cook said.

New technologies are continually being developed which will give deaf people greater services and access in the future, Cook said.

Pedaling safety tips for Laboratory bicycle commuters

By Sue Koopman

ES&H TEAM 2

Part 2 of 2: Presented by the Lab’s Traffic Safety Committee, Sue Koopman offers the second and final installment of tips, considerations and lessons learned as a 25-year bicycle commuter.

Awareness

Travel as much as possible on dedicated bike trails or lanes. While in a bike lane next to traffic, remain particularly alert for cars turning right through the bike lane. Ride defensively. When riding in traffic, ride with the flow of the traffic. Watch for pedestrians, on-coming bikes and other obstacles.

When riding in traffic, make eye contact with the drivers whenever possible. If a courteous driver stops or slows to let you cross or go by, nod or wave “thanks.”

Communication

Communicate your presence to pedestrians and cyclists. Let them know whether you are passing, how close you are and if you see road impediments. Bicycle bells are very handy for announcing yourself along the trail. If walkers or cyclists do not get out of your way, stop.

Clothing

You may wear regular clothes, but keep loose fabric far from spokes and brakes. Wear light, bright clothes. Remember, if vehicle drivers can see you, they may honk at you — but they probably won’t hit you.

Ergonomics

Consider your choice of handlebars.

An upright touring position is better for your body. Move heavy packs off your shoulders and onto your bike. Panniers and other bike-mounted arrangements are ideal for carrying items.

Weather conditions

Wet leaves are slippery. Ice forms atop winter puddles and is hard to see on dark rainy nights. Bikes slip on gravel. Wooden bridges can ice over while the connecting pavement does



Sue Koopman

not. Ride slower and avoid quick stops and turns in inclement weather.

Flat tires

Watch for glass and sharp objects while riding. I use Mr. Tufty tube protectors inside both tires. They make my wheels heavier, but they also minimize my flats. I carry a pump, an extra tube and a patch kit and have used all three during a single commute. If your flat happens close to, or on the Lab property, the Bike Shop folks will fix it for you.

Helmet-hair

A most important tip: When you take off your helmet, lean forward with your head pointing down and fluff your hair. It does wonders for helmet-hair!

Enjoy your ride.

Illness resource center is back to offer assistance

The departments of Labor and Energy will once again sponsor a traveling resource center to help current, retired or former LLNL workers or their survivors file applications or get more information about the Energy Employees Occupational Illness Compensation Program Act (EEOICPA).

The resource center will be held 8:30 a.m.-6 p.m. June 2-5 at the Sheraton Four Points Hotel, 5115 Hopyard Road, Pleasanton. The phone number is (925) 460-8800.

You may drop in or make an appointment by calling toll free 1-866-697-0841

between the hours of 8:30 a.m. and 5 p.m. You may also get more information or file a claim through this number as well. If you have already attended a traveling resource center or filed a claim with the departments of Labor or Energy, you do not need to attend or call this resource center.

LLNL encourages you, if you have any questions about the Energy Employees Occupational Illness Compensation Act or wish to file an application, to visit the traveling resource center in Pleasanton.



YOU STILL HAVE TIME THIS WEEKEND

Basic First Aid & CPR Online Training Course

Free for the first 300 employees and/or families who log on

Learn how to handle emergencies until professional help arrives

This two-hour training program is designed for people with little or no first aid training. It features interactive lessons and self-testing to present the basics of emergency care.

- Work at your own pace from Lab or at home.
- Log on 24-hours a day.
- Stop and re-start when you have time.
- Make it a family learning activity.

Follow these steps to log on:

1. Go to: <http://www.safetycampus.com/livermore.cfm> (the screen will say “Basic First Aid & CPR”)
2. Fill in the information required (Note: For the address you can use 7000 East Ave. and 94551 for the Zip. For the telephone number you can use your Lab number.)
3. Enter your email address and create a password. At the bottom of the page, click “Submit Information.”
4. Enter information on next screen (email address and password). This brings you to the start of the course.

You will receive an email confirming your registration and password and explaining how to return to the course quickly after stopping.

Sponsored by the Safety, Security and Environmental Protection Directorate

This course was developed by the National Safety Council and is being offered as part of the Lab’s ongoing safety awareness effort. The course does not fulfill any Laboratory institutional training requirement, nor will course completions be entered into LTRAIN. No certification is given because there is no hands-on skill training.



NEWS YOU CAN USE

Register for plutonium futures conference

Register now for "Plutonium Futures — The Science Conference" to be held in Albuquerque, New Mexico before the price goes up. Registration fees will be \$100 more after June 5. To register and find more information, check out the Web site, <http://www.lanl.gov/pu2003>.

"Plutonium Futures — The Science Conference," an international venue, will feature research that will be published from more than 175 submitted papers from 11 countries and more than 60 institutions, universities and research laboratories. The conference helps increase awareness of the importance of the scientific underpinnings of plutonium and actinide research and how this research impacts the world. Abstracts cover activities in material science, actinide process chemistry, detection and analysis, nuclear fuels, transuranic waste forms, actinides in the environment, actinide separation and analysis and condensed matter physics.

On Sunday, July 6, the conference kicks off with a plutonium tutorial. The

half-day tutorial on topics in plutonium science is designed to provide a tutorial and background for newcomers and students to the field of plutonium science, and to educate and inform current practitioners about areas outside their current expertise. Topics in the tutorial include guest lecturers on plutonium physics and chemistry, the International Atomic Energy Agency activities in nonproliferation and security of plutonium and the nuclear fuel cycle.

On Monday, July 7, the technical sessions will begin. Technical sessions will highlight research, some that has never been reported on before, in the fields of condensed matter physics, actinide compounds and complexes, the nuclear fuel cycle, material science and plutonium properties, actinides in the environment and detection and analysis. On Wednesday afternoon, July 9, there will be a poster session that will highlight more than 125 research efforts. For an agenda, see the Web site at <http://www.lanl.gov/orgs/nmt/nmtdo/PuConf2003/SessiondetailFi>

All Laboratory employees invited!

"Live Safety Daily"

Safety Fair

Thursday, June 5

Bldg. 551E & Bldg. 551W (open area)

11:30 a.m. – 1 p.m.

Exhibits include...

Safety
at work
and off
hours

Bike safety checks

Power tool safety

Nearby luncheon only for
Laboratory Services
Directorate.

Sponsored by Laboratory Services Directorate



Technical Meeting Calendar

Friday
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PHYSICS & ADVANCED TECHNOLOGIES

"Gamma Ray Bursts: The Brightest Explosions in the Universe," by Shrinivas R. Kulkarni, Cali-

fornia Institute of Technology. Noon, Bldg. 319, room 205 (uncleared area). Refreshments will be served. Contacts: Michael Gregg, 3-8946, or Sandra Maldonado, 3-0621.

CHEMISTRY & MATERIAL SCIENCE

"Pushing the Limit: Experiments in Materials at Extreme Conditions," by John Molitoris. 2 p.m., Bldg. 235, Gold Room (uncleared area). Contacts: Christian Mailhiot, 2-5873, or Kathy Gonzales, 3-7023.

PHYSICS & ADVANCED TECHNOLOGIES

"Collision Geometry and High pT Suppression," by Jiangyoung Jia, State University of New York. 1:30 p.m., Bldg. 211, room 227 (badge required). Contacts: Ron Soltz, 3-2647, or Pat Smith, 2-0920.

CHEMISTRY & MATERIAL SCIENCE

"Material Structures Produced By Dynamic Pressures and Material Properties Under Dynamic Pressures," by William J. Nellis. 3:30 p.m., Bldg. 235, Gold Room (uncleared area). Coffee and cookies will be served at 3:20 p.m. Contact: Tom Felter, 2-8012, or Rebecca Browning, 2-5500.

Monday
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RADIATION DETECTION CENTER

"Nuclear Resonance Fluorescence Applied To Materials Detection and Imaging," by

William Bertozzi, Massachusetts Institute of Technology. 10 a.m., Building 155, room 1100 (uncleared area). Contact: Ron Wurtz, 3-8504, or Christie Shannon, 3-6683.

Tuesday
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CHEMISTRY & MATERIALS SCIENCE, FRONTIERS IN CHEMISTRY AND MATERIALS SCIENCE

"Multiscale Dislocation Dynamics Plasticity: High Strain Rate Deformation," by Hussein M. Zbib, Washington State

University. Bldg. 235, room 1090 (uncleared area). 3:30 p.m. Contacts: Mike Fluss, 3-6665, or Kristine Ramirez, 3-4681.

Wednesday
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ENGINEERING

"Using CMOS for Ultra Wideband and 60 GHz Communications," by Robert W. Brodersen, University of California, Berkeley. 10:30 p.m.,

Bldg. 481 auditorium (uncleared area). Contacts: Farid Dowla, 3-7579, or JoAn Levy, 3-9040.

PHYSICS & ADVANCED TECHNOLOGIES

"High-Energy-Density Plasma Opacity Experiments: Stockpile Stewardship on NIF," by Kevin Fournier. 10:30 a.m., Bldg. 121, room 1048, IBEX Room. Contact: Stefanie B. Landes, 2-3201.

ENERGY & ENVIRONMENT

"The Future of Nuclear Energy," by William (Bill) Halsey. 1:30 p.m., Bldg. 543 auditorium (uncleared area). Refreshments will be served. Contact: Camille Vandermeer, 3-2672.

INTEGRATED COMPUTING & COMMUNICATIONS

Macintosh Technical Seminar Series. "Using Mac OS X: An introduction for Mac OS 9 Users." 10:30 a.m., Bldg. 543 auditorium (uncleared area). Contact: Duane Straub, 2-9774.

CHEMISTRY & MATERIALS SCIENCE

"Ab-initio Study of Fe-based Bulk Metallic Glasses," by Miguel Fuentes-Cabrera, Carnegie Mellon University. 9 a.m., Bldg. 151, Stevenson Room. Contacts: Patrice Turchi, 2-9925, or Kathy Silva, 4-2597.

Friday
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PHYSICS & ADVANCED TECHNOLOGIES

"Impact Delivery of Pre-Biotic Organic Matter to Planetary Sur-

faces," by Elisabetta Pierazzo, Planetary Science Institute. Noon, Bldg. 319, room 205 (uncleared area). Refreshments will be served. Contacts: Michael Gregg, 3-8946, or Sandra Maldonado, 3-0621.

PHYSICS & ADVANCED TECHNOLOGIES

"Charmonium Production As a Probe of Nuclear Matter," by Robert Newby, University of Tennessee. 10:30 a.m., Bldg. 211, room 227 (uncleared area). Contacts: Ron Soltz, 3-2647, or Pat Smith, 2-0920.

CHEMISTRY & MATERIALS SCIENCE

"Nanoscale Bioconjugates as Passive and Active Detection, Diagnosis and Treatment Systems for Cancer," by Karen Wooley, Washington University. 9 a.m., Bldg. 235, Gold Room. Contacts: Dave Eaglesham, 2-0486, or Julie Sedillo, 3-3506.

Wednesday
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UC DAVIS, DEPARTMENT OF APPLIED SCIENCE

"Quantum Optics Enabling Information Science," by H. Jeff Kimble, William L. Valentine,

California Institute of Technology. 3 p.m., Bldg. 661 (Hertz Hall), room 7 (open area). Contact: Estelle Miller, 2-9787.

The deadline for the next Technical Meeting Calendar is noon, Wednesday.

Send your input to tmc-submit@llnl.gov. For information on electronic mail or the newsgroup llnl.meeting, contact the registrar at registrar@llnl.gov.

NEWS OF NOTE



Annual emergency exercise to test Laboratory readiness

Next week LLNL will conduct its annual integrated emergency exercise. This exercise is designed to demonstrate that the Laboratory's emergency response organizations are prepared to respond to an emergency at the Laboratory.

The exercise will test the activation and response of the fire and security departments, the Laboratory's central Emergency Operations Center (EOC) and all satellite Operations Support Centers (OSC), as well as the activation and operation of the Joint Information Center. The exercise is scheduled to occur during regular work hours.

Employees at various locations around the Laboratory may be affected. The following summarizes the expectations if you find your-

self in or near an exercise scene:

- Please follow all directions provided within your facility via the voice paging system as if it was a real emergency. Every effort is being made to minimize impact on the workday; however, it is important for employees to demonstrate an understanding of the situation presented. Note: not all areas will receive these announcements.

- If you see activity near your facility or come upon an event scene (fire and security vehicles, flashing lights, barrier tape), please respect the scene and choose an alternate route. This action is important for maintaining the integrity of the exercise, but more importantly,

it is for your safety and the safety of the exercise participants.

- You may experience road closures and travel delays in the southeast quadrant of the Laboratory on the morning of the exercise. Planning an earlier (or later) arrival time will help to avoid these delays. Please be alert and drive safely.

Security personnel will provide an additional reminder the day of the exercise to all vehicles entering the Laboratory. For more information, contact Sue Broadway with the Emergency Management Division at 4-3759 or see the Emergency Preparedness and Response insert in the May 9 edition of *Newsline*.

BRIEFLY

BBRP to celebrate 40 years

Biology and Biotechnology Research Programs will celebrate "40 years of discovery" on Wednesday, May 21. BBRP employees from the past and present are invited to hear talks by three former BBRP associate directors, take in poster sessions and much more. Watch *NewsOn-Line* for more details.

Engineering internship award

Jeff Williams, DAD for Mechanical Engineering, on Wednesday presented an LLNL Engineering Summer Internship Award to Eileen Belding during Las Positas College's "Annual Student Recognition Ceremony."

Belding is planning to pursue a master's degree in civil and environmental engineering after completing her studies at Las Positas College. She received a bachelor's degree in physics and music from UC Berkeley in 1995, and she has applied to graduate programs in civil and environmental engineering at UC Davis, Cal Poly San Luis Obispo and San Jose State University.

Belding will be working in Engineering's Materials and Manufacturing Engineering Division (MMED) this summer.

New Export Control training

The Office of Classification and Export Control (OCEC) has developed a new export control training package. This stems both from the DOE requirement to comply with the departments of Commerce and State rules, and from employee comments regarding the need for training that we received in the LLNL ISSM Lab-wide surveys.

As a result, a brief overview will be incorporated into the existing annual security refresher training. This will be a general reminder for all Laboratory employees of their roles, responsibilities and authorities regarding exports and of how interactions with foreign nationals could be deemed an export. CL0010-W, Export Control at LLNL is a more detailed, high-level course that will be available online beginning in July for Lab personnel whose duties are directly associated with export control activities.

CalPERS Long-Term Care Plans

The 2003 CalPERS Long-Term Care Plans application period began on April 1. All public employees (including University of California and Livermore Lab employees), retirees, their

spouses, parents and parents-in-law have an opportunity to apply for coverage.

Applicants may choose from a broad array of benefit options in each of the three CalPERS Long-Term Care Plans. Premiums are age-related. The younger you are when you apply, the less a plan costs. An informational video regarding the CalPERS Long-Term Care Program is available in the Benefits Office, Building 571. For additional information call the Benefits Office at 2-9955 or visit the Web-site at www.llnl.gov/jobs/benefits.

New Web address for UTeL

UTel is pleased to announce its new Web address, <http://www-UTel-r.llnl.gov>. The current Web address will be shut down at 5 p.m. on May 30 and will redirect users to the new site. The change has been made to reflect the recent name change from Telecommunications and Site Utilities Department to UTeL. Please take a moment after May 30 to update your bookmarks. If you have any questions, please contact Amy Muller, UTeL Customer Liaison, at 2-8727.

Login process to change

Every employee at LLNL has an assigned official user name (OUN) and personal access code (PAC) that allow him or her to log in to institutional applications such as AutoReg, DevReg, Eudora Vacation Service and MyLLNL. The OUN and PAC are becoming increasingly important as the standard for logging in to other Laboratory computer appli-

cations.

Based on DOE cybersecurity requirements, and in response to LLNL audit findings, the Administrative Information Systems Department, in collaboration with Computer Security Technology Integration, has been preparing for a major change in how employees log in to institutional business application systems. Currently, to log in to most of these systems (such as Data Warehouse, LITE LTRAIN and TOPS), you use your "P" account (P followed by employee number) and associated password.

Starting in mid-July, you will log in to these applications and others using your OUN and PAC. A Website will soon become available with more details about the applications affected, how to obtain help and frequently asked questions.

In the meantime, please take a few minutes to make sure you know your OUN and PAC. If you do not know your Official User Name (e.g., zebra3), go to this Website and search using your first and last name: <http://www-r.llnl.gov/cgi-bin/WebPh/>

- If you do not know your PAC or need to reset it, go to this Website: <https://www-oln.llnl.gov/pac>

- You can test your PAC for conformance to security guidelines at this Website: <https://www-oln.llnl.gov/testpac>

Do the math



PHOTO COURTESY OF JOANNE LEVATIN

Students from Monte Vista High School in Cupertino won second place in the 14th annual Math Challenge held last Saturday at Las Positas College. They are Julian Kolev, Shrenik Shah and Eric Zhou. Homestead High School garnered first. More than 50 students competed in the challenge, which was sponsored by the Lab, NNSA's Livermore Site Office, the Edward Teller Education Center and Las Positas College. Lab volunteers were led by computer scientist JoAnne Levatin.



CLASSIFIED ADS

See complete classified ad listings at
<https://www-ais.llnl.gov/newsline/ads/>

AUTOMOBILES

1991 - Acura Legend LS. Excellent condition fully loaded with leather interior, green exterior w/ sunroof. \$6,000.00 925-447-1009

1999 - Ford Taurus. Exc. condition, everything new. Owner is disabled. Must sell. \$5000 OBO. 510-429-1530

1997 - Audi A4 Luxury Sport Sedan; V-6; 2.8L engine; 121K hwy miles; metallic gold exterior; beige leather interior; runs/looks great; \$10,900. 510-301-0841

2001 - Jeep Grand Cherokee 4x4, power windows, power locks, CD player, 50K miles, V6 Asking \$18500 (OBO) 925-895-6427

1987 - Saab 900 132K (commuting) solid car, needs minor work (a/c, radio), new tires. \$900 o.b.o. Alameda 510-521-4266

1992 - Daihatsu Rocky, 4x4, 4 cyl, 1.6L, 5 spd, pwr str, brk, mirrors, removable hardtop, ac-needs charging, am-fm cassette, 2k on new clutch, 129,500 mi \$3950 925-443-2819

1973 - Plymouth Satellite Sebring, Blk/Blk, V8, 4spd trans, decent condition, ready to drive NOW. \$7500.00 OBO 925-455-1343

1998 - Chevy Malibu, 4-dr sedan, light gray, 6 cyl. A/T, A/C, 18,000 miles, dealer serviced, runs perfect, clean, always garaged, but must sell. \$8000. 925-447-9065

1996 - Infiniti I-30, 3.0 V-6, A/T, Leather, Moonroof, PW, PL, AC, CC, CD, Alloys. 81,000 miles. Good condition. Asking \$7,900.00 925-447-2068

1998 - Honda Odyssey LX, 56k miles, good condition, new tires, A/C front&rear, pwr windows/locks, dual airbags, AM/FM cass 925-449-8162

1989 - Grand Caravan, one owner, only 73k mi on new engine/trans. 3.2V6, AT, AC, PS, cassette, cruise, tint glass. Great cond. Very reliable! \$2200 925-443-1074

1965 - Ford Mustang Automatic 6cyl Runs Great! All original! Asking 4500 obo 209-833-9227

1985 - Camaro Berlinetta, clean and green, 47K mi on rblt V-6, AC amplified CD, \$1600. 925-443-8889

1994 - Voyager mini-van, V-6, Silver AC/tint, clean, good condition, 128k miles. \$3,000 925-443-8889

1990 - Ford Probe - A/C, Power Windows/Locks/Seats, 80K miles. Asking \$2500 obo. 925-443-2277

AUTOMOBILE ACCESSORIES

GMC wheels and tires, 90% tread left, a 1998 Suburban, will fit Tahoe/Yukon/Suburban, etc. \$250 FIRM 925-455-6174

4 32-11.50-15 all terrian tires more than 50% tread left good tires \$150.00 obo. call after 6pm i can bring to lab or you pick up at my place. 209-574-0939

BICYCLES

Ritchey Road Bike; 59 cm.; Hand made by Tom Ritchey 1979; Reynolds; Wheelsmith; new Gran Prix tires; Shimano 14 speed down tube indexing; Ready \$750 650-237-0000

BOATS

5000-Hydro hoist for U-dock \$2800 925-513-8651

NeckyKayak IV-S Kevlar New \$2,635. Asking \$1,450 including \$200 paddle, & accessories yellow/white. 925-829-1110

12ft Avon, inflatable, w/floor-boards, motor mt extras \$175obo 9ft john boat 3 floation seats ,extras,\$125obo 925-600-1661

CAMERAS

Olympus E-10 4 Mpixel Digital SLR. Many Accessories. Macro converter. Original Packaging and software. \$650. 510-226-7440

USED Canon T50 Automatic Camera. \$100 OBO. Comes with zoom, telephoto, trick, 52mm, 72mm wide angle lens; filters; & flash. 925-784-4133

ELECTRONIC EQUIPMENT

Inkjet color HP 612C printer \$15; Cannon color BubbleJet BJC-2000 printer \$15; Numerous Pentium 1&2 era computer parts & whole computers - cheap 925-449-3165

Macintosh G4/dual 500MHz processors/1.5gb RAM/2 int. hard drives/SuperDrive/250mb Zip /56k int. modem/keyboard & mouse/OS 10.2 NO Monitor \$850.00 209-874-1666

Macintosh 6360/G3, CD/Modem/Ethernet/Xtra HD, Video Card, software, 17 in. monitor, new color printer. \$300 Call after 5pm. 209-835-2751

Fellowes Glare Monitor Filter, Antiglare/Antistatic, for 19-21 inch Monitors. Cost us ~\$130. BO 925-449-5661

GIVEAWAY

Handrails, oak, two straight sections; one 9-ft. and one 8-ft. 925-447-5623

HOUSEHOLD

Tan, corduroy, overstuffed couch and chair. Less than two yrs old. \$275 o.b.o. 209-345-3181

Dining Table, 42x42, 42x60 w/leaf, solid oak, 4 chairs, \$400, 925-455-0836

Refrigerator, white, over/under, 17cuft \$75 Refrigerator, white, side/side, 19cuft \$125 Must sell, sitting in back yard. 925-337-1620

Burgundy Queen Anne wingback chair, dark wood legs. Excellent condition. \$50.00 925-829-0122

Oak Entertainment Center, holds 27 inch TV, excellent condition \$125. OBO 5x8 Oriental Area Rug & pad, excellent Condition \$200.00 OBO 209-836-1665

Dresser, 8-dwr w/hutch top w/mirror, lights, pine \$40, matching nightstand, 2-dwr, \$10. 925-455-5985

6ft. long work bench, with flour-light and shelves, \$100 925-513-8651

White Train table, KidKraft, reversible top, \$75. Little Tykes easy-store large slide, \$30. 925-294-9022

Maytag Performa Washer/Dryer. Oversize capacity, heavy duty, less than 1 year old. \$750 for set, OBO. Buyer pick-up. 925-552-7355

Refrigerator- Kenmore, 22 cu. ft., less than two years old. Paid over \$900 asking only \$450.00 925-837-6015

Solid Dark Walnut dining room table with 6 chairs and 2 extensions. Modern style. Excellent condition. \$400 925-685-4922

Moving Sale. Computer desk. Excel. cond. \$59. 4 new chairs, \$7 ea. Telephone w/answering machine, \$6. More! 925-245-0728

Bed - twin mattress & box & frame \$20; Food processor & blades \$20; Water fun big inner tubes for lakes & river rafting various sizes \$4ea or 3/\$10 925-449-3165

Bed, White Iron Trundle (new \$900) \$300; Oak Entertainment Center 3 piece 7 feet high by 8 feet wide (new \$6K) \$2K. 925-833-6061

Queen sized Mediterranean bedroom set. Triple dresser, mirror, two night stands, chest, headboard. Good condition. \$450 BO 925-449-1128

OAK ENTERTAINMENT CENTER.. Beautiful wood cabinet - lots of room for TV, stereo, & media storage. Contact me for a picture. \$200 OBO. 925-455-8006

Computer table, excellent shape lots of storage \$50 OBO 925-447-4797

YARD SALE. Saturday 5/17/03, 8am-3pm, 761 Jensen St., Livermore. 925-456-7725

Amana Refrigerator- 18 cu. ft., 1989 model. Beige. \$45 or bo. 925-454-0771

3 Door Antique Ice Box - previously restored 20+ years. Mfg unknown. Very good condition. Dimensions in inches: 32W X 38.5H and 17.5D. \$300 OBO 209-521-9047

Sunbeam Gas BBQ Grill w/side burner, 35K BTU, 567 sq.in. Model W3400HB (tank not included). Brand new, never used & box is unopened. \$125 (firm). 510-791-0813

GE Electric Cooktop, 4 burner, white, clean, works well, replaced with gas. \$30 925-449-3737

Free insulation. Leftover 2ft x 4ft sheets of insulation. About 5 of them. 925-485-3680

Dining room table-glass-6 leather chairs \$100, sofa bed \$50, 2 recliner rockers \$25 ea, 1 rocking chair \$5 925-443-6531

MISCELLANEOUS

Ship model kits (4), 18 inches to 30 inches long. Balsa wood Japanese WW2 airplane (zero) \$5.00 to \$20.00 925-447-1009

Orchids, in bloom. Dendrobium in 4 inch pot - \$10. Mature Ansellia Africana (Leopard orchid) in 1 gal pot - \$30. 925-830-1868

Swimming pool w/new liner, wood grain sides, pump and filter. 18ft. dia. comes with cover, ladder complete. \$150. must disassemble in Brentwood. 925-516-8609

Table saw, Tilting Arbor 8 1/4 inch circular saw and four inch jointer. Both are driven by 3/4 hp dual shaft motor. Extra Blades. \$275.00 925-828-0458

Vermeer 252 Stump Grinder, in like new condition, used in part time bussiness. 7,999.00 obo 925-443-6010

Toddler bed ,white metal with plastic sides and mattress asking 65.00 BO 408-897-3031

Antique oak table \$200 or trade for wooden doll furniture. Cradle, high chair, wicker buggy etc. 209-823-5704

YARD SALE 2628 Kennedy St., Livermore, Friday May 16 and Saturday May 17, 9AM to 6PM, LOTS OF GOOD STUFF 925-447-6192

MOTORCYCLES

1999 - Suzuki TL1000R Fuel-injected, liquid-cooled, v-twin. 14K miles. Extra parts and accessories included. \$6400 o.b.o. 925-292-2524

1993 - 1993 Honda CBR900RR Two Brothers Racing Header, Dynojet jet kit, Dyno Tuned, Newer Dunlop

D207 tires, new Chain and Sprockets \$4000 firm. 925-525-3403

2002 - Kawasacki Vulcan 750, only 90 miles and always garaged. Includes extras. Needs new home. \$5,000 OBO. 650-627-9097

2002 - Harley Davidson Sportster, 1200 Custom, 3090 miles, 2 year extended warranty, Screaming Eagle 2 Kit, Impact Blue, extra chrome. \$9,000 obo. 925-373-3429

2001 - BMW-650-GSA. Anitlock-Brake-System, New Clutch, Expandable Side Cases, Top Case, Hand Protection, Heated Grips, Tall Windshield, Excel. Cond. \$6,500 925-855-0607

MUSIC INSTRUMENTS

Violin, 1/4 with bow and case, \$225, 925-455-0836

Button Accordion, single row in C, good for beginner, with instruction book. \$60. 925-634-2701

PETS & SUPPLIES

Free 13 year old Pomeranian (female). Needs good home. Excellent house pet. 209-834-0469

Horse Boarding-Includes daily cleaning, bedding, feed. Inside stalls-riding arena-paddocks-fenced pasture. \$200.00 per month 925-240-6311

Bay is a 9yr old gelding with eary navicular. 15+Hds, Head horse, junior rodeos, penning and sorting. Lite riding recommended. \$1500 209-601-1171

RECREATION EQUIPMENT

NordicTrack high-end ski exer: perf. monitor, calib. resist, adj incline, elec. speedo/chronometer, owner guide, folds for storage, vgd cond. \$250. 925-443-9148

40-LBS body bag, like new. \$25 925-513-8651

Good condition Burton Air 5.1 Snowboard with Burton Freestyle bindings and boots. \$75. 925-443-4778

RIDESHARING

Express your commute, call 2-RIDE for more information or visit <http://www-r.llnl.gov/tsmp>

San Jose & Fremont-Mission - Space is available from San Jose and Fremont-Mission areas. Work hours: 7:30 to 4:30. 408-238-1909, ext. 3-3057

Orinda - Carpool from Lamorinda seeking 4th driver/rider. Meets at St. Stephens and 24. Lab hours 8:15am to 5pm M-F. 925-253-0498, ext. 2-9823

ROCKRIDGE - Looking for occasional/regular rides/riders. Work start&finish hours flexible. Barter rides or exchange gas money charge. 925-784-4133, ext. 4-2546

SERVICES

TUTORING in high school and college math and chemistry. 925-443-2095

Do you know how to get free money for your child's education? Let me show you how. 925-371-5203

Exterior House Painting - 18 yrs. exp. Call for free estimate. 209-956-3718

Professional Sprinkler Repair and Tree Stump Removal. Ask about our sprinkler checkup and fertilization program. 925-443-6010

Horse boarding on small ranch/Brentwood area. Mare motel w/x-large paddocks, lighted riding arena, barn

stalls, round pen/turnouts. \$200 month 925-516-8609

SHARED HOUSING

Rooms for rent in TRACY, 2 Master bedrooms available for rent \$500 to \$650, Regular bedrooms \$350 to \$400. 209-832-4335

Livermore - 2 Rooms for rent, 1 furnished, 1 unfurnished, near Lab, \$500/mo + 1/3 utilities, or \$600/mo incl. utilities (510) 499-6469. 510-499-6469

Danville - 1 room/private bath, walk to downtown, tree setting, \$700 mth, dep, 1/2 util. Avail. 6/1/03, pets nego. w/dep. 925-381-2359

Dublin - Room for rent in quiet apartment community \$625/mo includes private bath and all utilities except phone. Male only, non-smoker 925-998-8794

TRUCKS & TRAILERS

All most new, Little Rocker, 5th wheel hitch with all mounting hardware. Excellent condition. Will deliver to livermore area. 209-532-5224

2003 - 24footX8.5ft Pace American Shadow 10,000 lbs GVW Tortion suspension, 3interior lights, 48inch man door, infloor spare tire holder, rear jacks, 7800, OBO 209-862-1498

2001 - Silverado, V6, 5 speed, 20 inch wheels, bagged, clean, must sell \$15,500 OBO 209-321-3560

1953 - Ford 8N tractor with PTO, 3-pt plus disk. \$3500/OBO. 209-239-7888

1995 - Toyota, Tacoma, Regular Cab, short bed, V6, Std. Trans., 4WD, 38K Miles, Excellent Condition \$9,000. 925-447-1126

Wheels and tires will fit GMC/Chevy Tahoe/ Suburban, Yukon, 90% tread left. \$250 FIRM 925-455-6174

1985 - crew cab duelly, runs great, looks great, ps pb, ac \$7,300. 209-931-9212

VACATION RENTALS

Kihei, Maui, HI - One bedroom, two bath at Kamaole Sands. Beautiful garden view. Across street from Kam III State Beach. 925-461-3698

SOUTH LAKE TAHOE - 3 Bedroom 2 bath Chalet, nicely furnished, All amenities, Park w/ Lake, tennis etc. Great for families! Reserve now for Summer! 209-599-4644

Maui, HI - Kahana Reef oceanfront 1BR/1BA condominium. Beautiful two-island view, oceanside pool, and BBQs. Low LLNL rates for year-round reservations. 925-449-0761

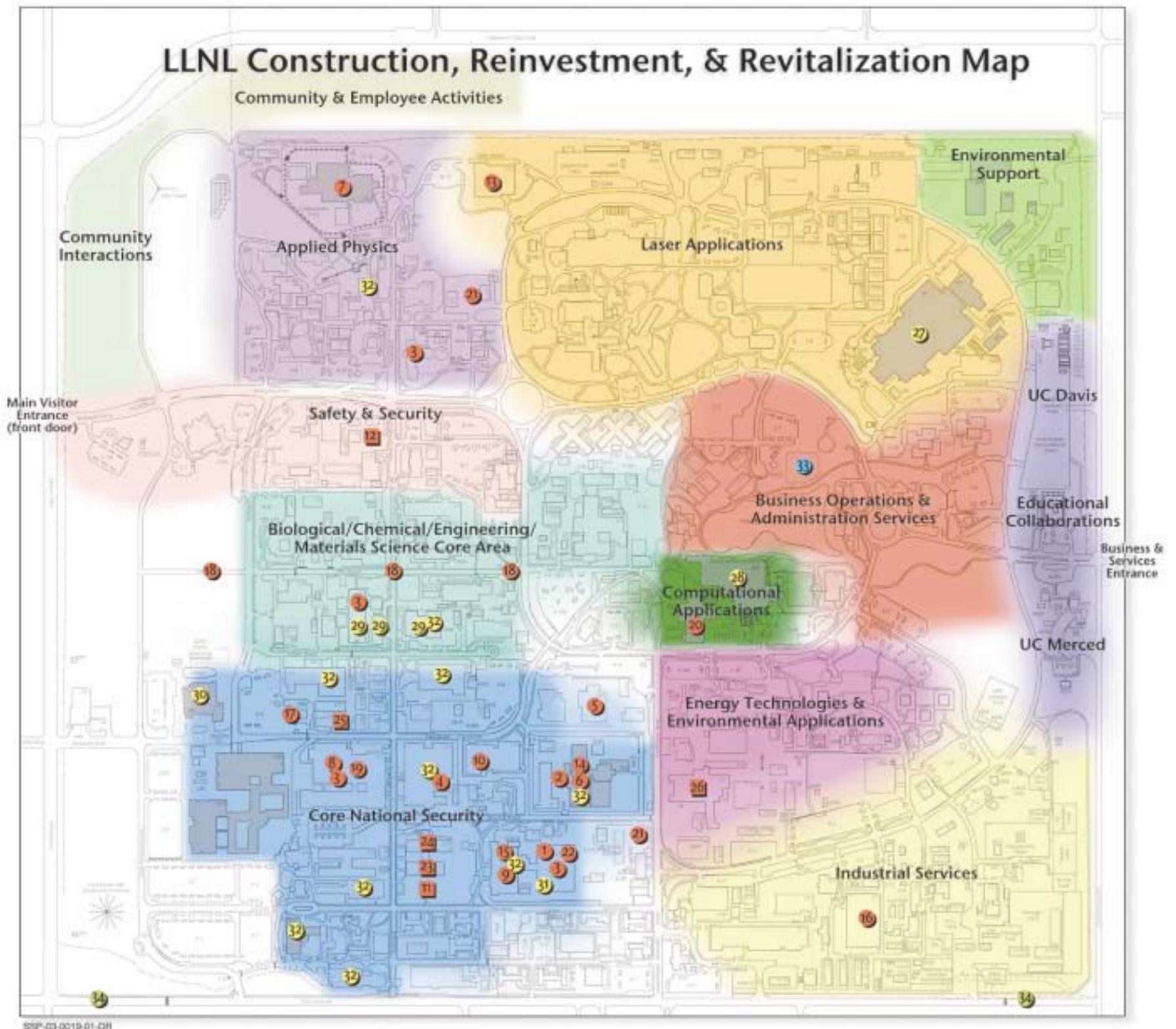
WANTED

Olympic weight set: wide bench, bars, racks and weights very used OK. Partial set OK. 925-634-0423

Looking for toddler play equipment in good condition - slides, play structures, tool bench, sand/water table, sandbox, etc. Please call before 8 pm. 925-961-9706

Donate your used computer system to a charitable group in Oakland. See www.sfbayfarer.org for who we are and what we do. 925-830-1868

Services and merchandise listed in Newsline are not guaranteed. It is up to the buyer to scrutinize services purchased.



MAP PROVIDED BY RECAPITALIZATION OF FACILITIES AND INFRASTRUCTURE PROGRAM

FIRP

Continued from page 1

structure — an investment in our future to make historical F&I problems a thing of the past. The goal is to improve the operational readiness of F&I to meet mission needs, extend useful life, and arrest deterioration.

The NNSA Program has evolved from \$200 million in FY02 to \$242 million in FY03 (to date, LLNL monies are close to \$55 million). The projects are intended to address F&I rehabilitation and maintenance backlog, modernization, improving reliability and disposition of legacy facilities. The projects also improve the work environment for employees and enhance the Laboratory's scientific capabilities. Disposition projects remove excess structures from the site to lower total ownership costs, improve site safety and security, eliminate liabilities/risks and create clear real estate for future construction.

FIRP projects are less than \$5 million each and are implemented within one to two years. They are prioritized using the success of the maintenance reinvestment prioritization process underway for the last five years within the Laboratory facility charge. Projects are generated, submitted, reviewed, prioritized and executed through partnering among mission owners (directorates), Institutional Facili-

Lab's FIRP managers honored

A FIRP award and recognition luncheon was hosted by Plant Engineering and the Director's Office on May 1 to honor the project managers who worked to establish the FIRP program.

The project managers did an outstanding job of moving forward and getting things done. As new business practices were being developed, they simultaneously implemented new authorization processes and iterated many cycles of the report-

ing formats and program criteria. The project managers gained initiation into the world of condition assessment surveys and deferred maintenance backlog. They contributed significantly to the beginning of the Laboratory's revitalization that will provide a solid foundation for program execution to meet mission needs. The successful completion of these projects will help to bring additional funds for future FIRP projects and further site-wide revitalization.

ties Management and Plant Engineering. In FY02, 12 FIRP projects were funded, such as replacing aging transformers, heating ventilation and air conditioning (HVAC) systems, machine tools, ductwork, HEPA filters and demolishing Bldg. 177. This year, 18 projects are underway, such as replacing aging roofs, deteriorated facility exteriors, machine tools, more HVAC systems and demolishing Bldg. 222. Planning for FY04 projects has already started, and other future plans are recorded in the Ten Year Comprehensive Site Plan.

We look forward to working with Laboratory employees to improve the quality of our facilities, recognizing that all of us will need to be patient with this process — a road detour, a new construction site or lack of air conditioning for a few days. Our goal is to achieve a world-class site to match our world-class talent.

For more information on the FIRP projects, contact Jill Farrell, farrellj3@llnl.gov; D&D, contact Mitch Waterman, waterman1@llnl.gov; Planning, contact Roy Neyer, neyer1@llnl.gov. Also see the LLNL construction, reinvestment and revitalization map (above) for a list of projects.

FY 2001 FIRP	1 - B121 HVAC Backlog Reduction
FY 2002 FIRP	
Recapitalization	2 - Electrical Power Systems Replacement
	3 - HEPA Filter Standard Implementation
	4 - B231 Vault Ventilation/HEPA Replacements
	5 - HVAC Essential Backlog Reduction
	6 - Ventilation/Ductwork and Filtration Sys Renovation
	7 - HE Test Facilities Control Systems Replacement
	8 - B131 High Bay Renovation
	9 - Engineering Test Facilities and Equipment Rebuild
	10 - B235 A/C and Boiler
D&D	11 - Building 2225 D&D South Wing
	12 - Building 1775 D&D
FY 2003 FIRP	
Recapitalization	13 - B298 Roof Replacement
	14 - Ductwork Replacement
	15 - Support Services Equipment
	16 - Building 311 Backlog Reduction
	17 - Replacement Building
	18 - Road Repair/Reroute 5th Street
	19 - B131 Backlog Reduction
	20 - B431 Roof Replacement
	21 - Site Utilities Upgrade - Heat Exchangers
	22 - Support Services Equipment II
D&D	23 - B222C Disposition
	24 - B222N Disposition
	25 - Trailer Disposition
	26 - B431 Disposition Study
Line Item Projects	27 - National Ignition Facility (NIF)
	28 - Terascale Simulation Facility (TSF)
	29 - Isotope Sciences Facility (ISF)
	30 - Sensitive Compartmented Info. Fac. (SCIF)
	31 - Eng. Technology Complex Upgrade (ETCU)
	32 - Roof's Reconstruction Phase II
ICPP	33 - Central Cafeteria
Security	34 - East Avenue Closure

BROOKS*Continued from page 1*

happy about, and you do not have a decision.”

In an all-hands address in the Bldg. 123 auditorium, Brooks said that in his view it could be “entirely consistent to extend the Livermore contract and compete Los Alamos” and added that Secretary Spencer Abraham has said “we should hold the option not to compete Livermore.

“But I don’t know what’s going to happen at Livermore,” he said. “I know that’s unsettling. We’re going to wrestle with this over the next year. We’re going to have to think through how important it is to have Los Alamos and Livermore managed by the same entity...we’ll try to do what’s right.”

Brooks emphasized the secretary of Energy will be unbiased in his decision regarding LLNL, but said there will be factors that could influence that decision. Those factors include an absence of the same kind of headlines and problems that have surrounded Los Alamos, whether DOE concludes that LLNL and LANL must be managed by the same entity, and the conclusions of the blue ribbon committee formed by DOE to study extend/compete contracting policies.

Brooks also encouraged employees not to panic or make a mass exodus by retiring or leaving the Laboratory for another job.

“We want to keep the exceptional scientific and intellectual culture,” at the Lab, Brooks said, “not one of profit motives, and we want to care for the rights of individuals.”

With regard to Los Alamos, Brooks said he would spend the remainder of the year working to develop criteria to make sure the result of competition provides the proper balance of ensuring the continuation of outstanding science with matching quality business practices.

“We have to figure out how to get criteria to make judgments but not to cause unintended consequences,” Brooks said. “I am afraid this may be harder than I think.”

Brooks acknowledged the two labs provide intellectual competition and peer review, two things that are valued by both DOE and NNSA. “How much of that comes from both being UC labs? I have to think about that.”

Brooks also spent a good portion of his talks emphasizing his encouragement to the University of California to engage in the bidding process, and acknowledged it is possible that UC “does not bear total burden” for the recent problems at Los Alamos. NNSA acknowledges that some of the responsibility is shared and that the recent NNSA reorganization is aimed at improving this.

“There is no question in my mind that UC is embarked on more than a get-well program,” he said. “They are making permanent changes in the way in which the labs operate and the way UC provides oversight.”

Brooks said both he and the secretary want UC to join the competitive process, with Brooks adding “if I get the criteria that values science right, I am confident we will get UC or better” to bid.

“UC needs to become convinced that competition is not incompatible with public service,” Brooks summed up.

Brooks also spent time answering questions posed by employees via electronic mail. Many of those questions surrounded employee benefits, particularly the UC retirement plan. Brooks said in any competitive process, the benefits issue “has to be on the table,” and he is “convinced we can protect benefits.” However, exactly how those benefits would be maintained is a question he said he could not answer. “We are working on legality,” Brooks said.

Brooks closed by telling employees what he’d like to see in the year: continued focus on mission, continued focus from LANL on its reforms, and on the part of LANL and LLNL employees, continued patience and confidence that he and Secretary Abraham will “do what’s right.

“I want to continue to be able to say you should go out to the labs — you cannot believe how much good stuff is going on there,” Brooks said. “I want to be able to say LANL has taken to heart its reforms and LLNL has learned from its sister, and I want to say I was worried people would leave, but they hung in there. Because even if I haven’t convinced them I am going to be fair, I have convinced them they should hang on for a while and see.

“Anything you can do to help me with the three objectives will be useful,” Brooks concluded.

Earlier in the day, Brooks met with UC Regents in San Francisco to discuss their concerns about the university’s relationship with DOE. He headed off some of the worries about the cost of bidding on the LANL contract, with an announcement that it is his intent to modify the existing contract to let UC utilize some of the contingency fund for this purpose.

NARAC*Continued from page 1*

build a national exercise program to support the national strategy for homeland security.

This is the largest exercise undertaken since the terrorist attacks of Sept. 11.

The U.S. Department of Homeland Security and the U.S. Department of State sponsored the drill. Emergency personnel from the State of Washington, King County, the city of Seattle, the State of Illinois, Cook, Lake, Kane and DuPage counties, the city of Chicago, 19 federal agencies, the American Red Cross, the National Capital Region, the District of Columbia, State of Maryland and the Commonwealth of Virginia all participated in the event.

Laboratory staff played actively in the exercise through the NARAC operations center, specifically in support of a radiological dispersal device scenario in Seattle. The exercise was continuous for 36 hours starting around noon on Monday through midnight Tuesday. In addition, NARAC supported non-field play in various local, state and federal emergency operations centers the rest of the week.

“NARAC had an unprecedented role in this exercise because we supported first responders and the City of Seattle under a DHS program called LINC—Local Integration of NARAC with Cities—as well as supporting NNSA’s regional and national nuclear incident response teams,” said John Nasstrom, deputy NARAC program leader who coordinated NARAC participa-

tion in TOPOFF 2 and worked in Seattle during the exercise.

LINC, which started last year, provides a unified tool for city, county, state and federal agencies to use in emergency planning and response. It enables first responders to use NARAC’s Web- and Internet-based tools for accessing and distributing NARAC plume predictions.

Though NARAC staff participated in the first TOPOFF in 2000, the personnel had a much larger role in this year’s exercise, according to NARAC operations leader Ron Baskett.

He said the center had never received so many simultaneous inquiries.

“The initial challenge is to determine the contents and magnitude of the ‘dirty bomb,’” said Baskett who worked through the night Monday. “It was a total surprise to us. We didn’t know what was in the device.”

Using data from ground and air based monitors from local, state and federal teams in Seattle, the NARAC team was able to use the radioactivity measurements downwind of the dirty bomb site to estimate what was released. As measurement data improved with time, the accuracy of the estimates of the consequences increased. NARAC models showed areas that posed health risks. These models were available simultaneously to local, state, and federal responders working the drill from Seattle and to various participating government agencies in Washington D.C.

Since 1979, NARAC has been a national emergency response service that provides planning, real-

time assessments and detailed studies of chemical, biological, natural hazardous and radiological releases to the Department of Energy and the Department of Defense.

Under a recent memorandum of agreement, DHS can now direct National Nuclear Security Administration’s radiological emergency response assets, including NARAC. These new protocols were exercised this week.

Brooke Buddemeier, a certified health physicist with the Lab’s Nuclear Counter-terrorism and Incident Response Program, was providing support to the DHS emergency operations center in Washington D.C. for the exercise. He briefed DHS on NNSA’s extensive radiological emergency response capabilities and explained NARAC predictions to DHS Secretary Tom Ridge, his undersecretaries, and technical staff.

When a hazardous material is accidentally released into the atmosphere, NARAC scientists can map the probable spread of contamination in time for an emergency manager to decide if taking protective action is necessary. NARAC has responded to more than 160 alerts, accidents and disasters and supported more than 1000 exercises.

Other events in the weeklong drill included a mock bioterrorism attack in Chicago, an incident at Midway airport and a raid of the mock terrorists’ lair in Washington D.C. More than 100 federal, state, local, private sector and Canadian agencies and organizations participated in the event.

Good spirits prevail

Dancers performed a traditional Chinese lion dance at the Asian Pacific American Heritage festival on Thursday as drummers led them through the gathered crowd. Lab employees turned out in force, despite the chilly winds, to enjoy a variety of ethnic foods as well as a presentation by Hawaiian dancers, an exhibition of Tae-Kwan-Do skills and cultural exhibits.

JACQUELINE MCBRIDE/NEWSLINE



Newsline
UC-LLNL
PO Box 808, L-797
Livermore, CA 94551-0808